Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. M4065.0404/P404 A. K. Porterfield First Named Inventor

ABRITRATION METHOD FOR A SOURCE

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| (Only for new nonprovisional applications under 37 CFR 1.53(b)) Expres   | ss Mail Capel No. BUS  |  |  |  |
|--|--|--|--|--|
| APPLICATION ELEMENTS   | Assistant Commissioner for Patents  ADDRESS TO: Box Patent Application  Washington, DC 20231   |  |  |  |
| See MPEP chapter 600 concerning utility patent application contents.   | Washington, DC 20231   |  |  |  |
| 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)   | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) |  |  |  |
| 2. Applicant claims small entity status. See 37 CFR 1 27   |  |  |  |  |
| 3. X Specification [Total Pages 44]  | a. Computer Readable Form (CRF)  |  |  |  |
| (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table,  or a computer program listing appendix  - Background of the Invention  | b. Specification Sequence Listing on:  i CD-ROM or CD-R (2 copies), or ii. paper c. Statements verifying identity of above copies                              |  |  |  |
| <ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> </ul>   | ACCOMPANYING APPLICATIONS PARTS  |  |  |  |
| - Detailed Description<br>- Claim(s)   | X Assignment Papers (cover sheet & document(s))  |  |  |  |
| - Abstract of the Disclosure   | 10. X 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney   |  |  |  |
| 4. X Drawing(s) (35 U.S.C 113) [Total Sheets 10]   | 11. English Translation Document (if applicable)   |  |  |  |
| 5. Oath or Declaration [Total Pages ]  | 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  |  |  |  |
| a X Newly executed (original or copy)  | 13. Preliminary Amendment  |  |  |  |
| b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/division with Box 17 completed)  | 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)   |  |  |  |
| i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1 63(d)(2) and 1 33(b)  Application Data Sheet. See 37 CFR 1.76   | 15. Certified Copy of Priority Document(s) (If foreign priority is claumed)  16. Other:  |  |  |  |
| 17. If a CONTINUING APPLICATION, check appropriate box, and supply the Data Sheet under 37 CFR 1 76  | e requisite information below and in a preliminary amendment, or in an Application   |  |  |  |
| Continuation Divisional Continuation-in-part (   | CIP) of prior application No   |  |  |  |
| Prior application information: Examiner  | Group / Art Unit   |  |  |  |
| For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. |  |  |  |  |
| 18. CORRESPONDENCE ADDRESS   |  |  |  |  |
| Customer Number or Bar Code Label  | or X Correspondence address below  |  |  |  |
| DICKSTEIN SHAPIRO MORIN & OS<br>Thomas J. D'Amico  | SHINSKY LLP  |  |  |  |
| Address 2101 L Street NW   | 1  |  |  |  |
| City Washington State  | District of Columbia Zip Code 20037-1526   |  |  |  |
| Country United States of America Telephone   | (202) 785-9700   Fax   (202) 887-0689  |  |  |  |
| Name (Print/Type) Thomas J. D'Amico  | Registration No. (Attorney/Agent) 28,371   |  |  |  |
| Signature  | Date December 7, 2000  |  |  |  |

## **FEE TRANSMITTAL** for FY 2001

Patent fees are subject to annual revision.

1,630.00 TOTAL AMOUNT OF PAYMENT

| Complete if Known    |                   |  |  |
|----------------------|-------------------|--|--|
| Application Number   | Not Yet Assigned  |  |  |
| Filing Date          | December 7, 2000  |  |  |
| First Named Inventor | A. K. Porterfield |  |  |
| Examiner Name        | Not Yet Assigned  |  |  |
| Group Art Unit       | N/A               |  |  |
| Attorney Docket No.  | M4065.0404/P404   |  |  |

| METHOD OF PAYMENT   |  | FEE CALCULATION (continued) |             |             |  |             |
|---|--|-----------------------------|-------------|-------------|--|-------------|
| 1. The Commissioner is hereby authorized to charge                                  |  | 3. ADDITIONAL FEES          |             |             |  |             |
| indicated fees and credit any overpayments to:                                      |  | Large Entity Small Entity   |             | l Entity    |  |             |
| Deposit<br>Account<br>Number  | Fee<br>Code  | Fee<br>(\$)                 | Fee<br>Code | Fee<br>(\$) | Fee Description  | Fee<br>Paid |
| Deposit Dickstein Shapiro Morin &   | 105  | 130                         | 205         | 65          | Surcharge - late filing fee or oath  |             |
| Account Name Oshinsky LLP   | 127  | 50                          | 227         | 25          | Surcharge – late provisional filing fee or cover sheet.                    |             |
| X Charge Any Additional Applicant claims small entity status See                    | 139  | 130                         | 139         | 130         | Non-English specification  |             |
| Fee Required Under Lentity status See 37 CFR 1 16 and 1 17 37 CFR 1 27              |  | 2,520                       | 147         | 2,520       | For filing a request for ex parte reexamination                            |             |
| 2. X Payment Enclosed   | 112  | 920*                        | 112         | 920*        | Requesting publication of SIR prior to<br>Examiner action                  |             |
| X Check Credit Card Money Order Other   | 113  | 1,840*                      | 113         | 1,840*      | Requesting publication of SIR after<br>Examiner action                     |             |
| FEE CALCULATION   | 115  | 110                         | 215         | 55          | Extension for reply within first month                                     |             |
| 1. BASIC FILING FEE   | 116  | 390                         | 216         | 195         | Extension for reply within second month                                    |             |
| Large Entity Small Entity   | 117  | 890                         | 217         | 445         | Extension for reply within third month                                     |             |
| Fee Fee Fee Fee Description Fee Paid  | 118  | 1,390                       | 218         | 695         | Extension for reply within fourth month                                    |             |
| 101 710 201 355 Utility filing fee 710.00   | 128  | 1,890                       | 228         | 945         | Extension for reply within fifth month                                     |             |
| 106 320 206 160 Design filing fee   | 119  | 310                         | 219         | 155         | Notice of Appeal   |             |
| 107 490 207 245 Plant filing fee  | 120  | 310                         | 220         | 155         | Filing a brief in support of an appeal                                     |             |
| 108 710 208 355 Reissue filing fee  | 121  | 270                         | 221         | 135         | Request for oral hearing   |             |
| 114 150 214 75 Provisional filing fee   | 138  | 1,510                       | 138         | 1,510       | Petition to institute a public use proceeding                              |             |
| SUBTOTAL (1) (\$) 710.00  | 140  | 110                         | 240         | 55          | Petition to revive – unavoidable   |             |
|   | 141  | 1,240                       | 241         | 620         | Petition to revive - unintentional   |             |
| 2. EXTRA CLAIM FEES Extra Fee from Claims below Fee Paid                            | 142  | 1,240                       | 242         | 620         | Utility issue fee (or reissue)   | L           |
| Total Claims 60 -20** = 40 x 18 00 = 720.00   | 143  | 440                         | 243         | 220         | Design issue fee   |             |
| Independent 5 -3** = 2 x 80.00 = 160.00   | 144  | 600                         | 244         | 300         | Plant issue fee  |             |
| Multiple Dependent =  | 122  | 130                         | 122         | 130         | Petitions to the Commissioner  | <u> </u>    |
|   | 123  | 50                          | 123         | 50          | Petitions related to provisional applications                              |             |
| Large Entity Small Entity   | 126  | 240                         | 126         | 240         | Submission of Information Disclosure Stmt                                  |             |
| Fee Fee Fee Fee Code (\$) Code (\$)   | 581  | 40                          | 581         | 40          | Recording each patent assignment per property (times number of properties) | 40          |
| 103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 | 146  | 710                         | 246         | 355         | Filing a submission after final rejection (37 CFR 1.129(a))                |             |
| 104 270 204 135 Multiple dependent claim, if not paid                               | 149  | 710                         | 249         | 355         | For each additional invention to be examined (37CFR 1.129(b))              |             |
| ** Peissue independent claims   | 179  | 710                         | 279         | 355         | Request for Continued Examination (RCE)                                    |             |
| 109 80 209 40 recision independent claims   | 169  | 900                         | 169         | 900         | Request for expedited examination  |             |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent             |  |                             |             |             | of a design application  |             |
| SUBTOTAL (2) (\$) 880.00  | Other fee (specify)  SUBTOTAL (2) (\$) 880.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) \$ |                             |             |             | 40   |             |
| **or number preciously paid, if greater; For Reissues, see above                    |  |                             |             |             |  |             |
|   |  |                             |             |             |  |             |
| SUBMITTED BY Complete (if applicable)   |  |                             |             |             |  |             |

| SUBMITTED BY Complete (if applicable) |  |                |                  |  |  |
|---------------------------------------|--|----------------|------------------|--|--|
| Name (print/type)                     | Thomas J. D'Amico  Registration No. (Attymey/Agent)  28, | ,371 Telephone | (202) 828-2232   |  |  |
| Signature                             | Jas  | Date           | December 7, 2000 |  |  |